

AMENDMENTS TO THE CLAIMS:

Claim 1. (Currently amended) A lock apparatus for attaching a container member to a support member openably, the lock apparatus comprising:

an a operation handle;

a pair of springs, which are movably supported by the container member;

a pair of slide pins, which are urged in directions of lock holes defined on the support member by the springs, respectively; and

a pair of cam members to which rear end portions of the slide pins are fitted, respectively, to urge each slide pin to project and retract, wherein:

when the operation handle is operated in a swing manner, a front end portion of each slide pin is retracted from each lock hole of the support member against pressure of each spring;

engagement holes are defined on opposed surfaces of each front end portion of the cam member having a cylindrical portion;

each rear end portion of the slide pin is formed in a bifurcated structure comprising to have elastic pieces; and

each of said elastic pieces comprises has a protrusion for detachably engaging with each of said engagement holes.

Claim 2. (Original) The lock apparatus according to claim 1, wherein the rear end portions of the slide pins are connected to the cam members to be swingable.

Claim 3. (Currently amended) The lock apparatus according to claim 1, further

comprising wherein:

a stopper piece ~~is provided~~ between the elastic pieces of each slide pin; and
an elastic contact piece, for elastically contacting with the stopper piece, ~~is formed~~ on
a surface of each cam member, which corresponds to the stopper piece.

Claim 4. (Currently amended) The lock apparatus according to claim 3, wherein a rib
wall for preventing erroneous assembly ~~is formed on~~ an a inner side surface of each cam
member, which is opposed to the elastic contact piece of each cam member.

Claim 5. (Original) The lock apparatus according to claim 1, further comprising:
an outer cylindrical member continuously formed on one of the operation handle and
the slide pin; and
an O-ring, which slide-contacts with the outer cylindrical member and the cylindrical
portion of the cam member simultaneously.

Claim 6. (Currently amended) The lock apparatus according to claim 5, wherein the
cylindrical portion of the cam member comprises ~~includes~~ a containing groove to which the
O-ring is attached.

Claim 7. (Original) The lock apparatus according to claim 6, wherein the containing
groove is formed in a recessed shape to isolate the O-ring.

Claim 8. (Currently amended) The lock apparatus according to claim 6, further

comprising wherein:

a cam groove ~~is formed~~ on the cylindrical portion of the cam member; and
a projected portion ~~is formed~~ on the outer cylindrical member; wherein
the projected portion moves in the cam groove; and
the containing groove communicates with the cam groove.

Claim 9. (Currently amended) The lock apparatus according to claim 5, wherein:

the outer cylindrical member comprises ~~has~~ a bottom surface;

the lock apparatus further comprises:

a cam groove ~~is formed~~ on one of the cylindrical portion of the cam member
and the outer cylindrical member; and

a projected portion ~~is formed~~ on the other of the cylindrical portion of the cam
member and the outer cylindrical member; and

the projected portion moves in the cam groove; and

the projected portion and the cam groove are ~~disposed~~ in a space blocked by the

O-ring.

Claim 10. (New) A lock comprising:

a pair of cams that each comprise a pair of engaging holes;

a pair of slide pins each comprising a bifurcated structure comprising elastic pieces
that each comprise projections that each engage a corresponding one of said pair of engaging
holes.

Claim 11. (New) The lock of claim 10, wherein said pair of engaging holes are provided on opposing surfaces of a cylindrical portion of each of said pair of cams.

Claim 12. (New) The lock of claim 10, wherein at least one of said pair of slide pins is swingably connected to one of said pair of cams by the engagement of said projection with said corresponding one of said pair of engaging holes.

Claim 13. (New) The lock of claim 10, wherein at least one of said pair of slide pins further comprises a stopper between said elastic pieces.

Claim 14. (New) The lock of claim 13, wherein a corresponding one of said pair of cams further comprises an elastic contact for contacting said stopper.

Claim 15. (New) The lock of claim 14, wherein at least one of said pair of cams further comprises a rib wall on an inner side surface and opposing said elastic contact.

Claim 16. (New) The lock of claim 10, further comprising:

a handle; and

an O-ring,

wherein one of said handle and at least one of said pair of slide pins comprises an outer cylindrical member, and

wherein said O-ring simultaneously, slidably contacts said outer cylindrical member and a cylindrical portion of a corresponding one of said pair of cams.

Claim 17. (New) The lock of claim 16, wherein said corresponding one of said pair of cams further comprises a containing groove on said cylindrical portion that receives said O-ring.

Claim 18. (New) The lock of claim 17, wherein said containing groove is recessed.

Claim 19. (New) The lock of claim 17, wherein said corresponding one of said pair of cams further comprises a cam groove on said cylindrical portion that communicates with said containing groove, and wherein said outer cylindrical member comprises a projection received by said cam groove.

Claim 20. (New) The lock of claim 16, wherein:

said outer cylindrical member comprises a bottom surface;

one of said cylindrical portion of said corresponding one of said pair of cams and said outer cylindrical member further comprises a cam groove; and

the other of said cylindrical portion of said corresponding one of said pair of cams and said outer cylindrical member further comprises a projection received by said cam groove such that said projection is blocked by said O-ring.